

1970. – 496 . 2 : 1 . . . . . - : ,  
 . . . . . -  
 : . . . . . « -  
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621.35

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 . . . . . -  
 , , -  
 , d- . (IV-VI -  
 ) d- VIII -  
 d- , . -  
 [1]. -  
 , , -  
 . -  
 , , -  
 [2].  
 33 – 43 % , [3] -  
 - , / : -  
 - 0,1; - 0,1; - 0,2;  
 - 0,2; - 0,5 [3]. -  
 1-10 / <sup>2</sup>. , -  
 50 . -  
 , , -  
 - , .  
 / : - 0,2; - 0,05; - 1,0;

- 0,4;

- 0,1;

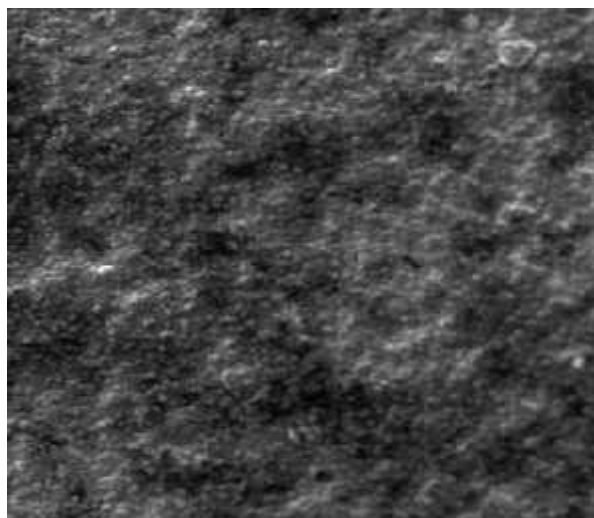
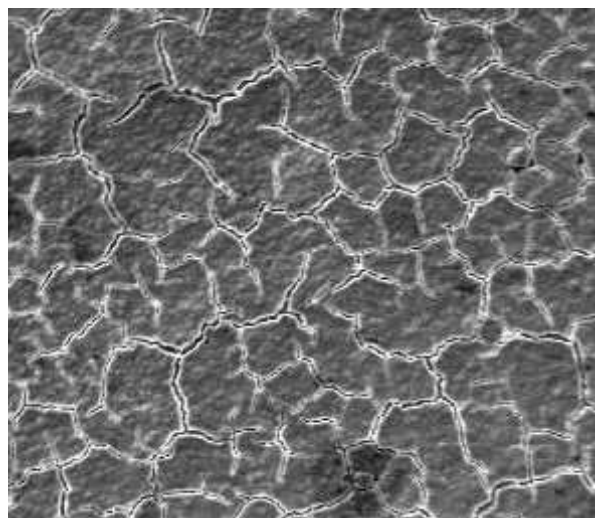
- 0,4,

. 1

(x500)

: )

[3]. )



)

)

. 1.

x500

. 1

1

|                  |         |         |
|------------------|---------|---------|
|                  |         |         |
| , <sup>0</sup>   | 18 – 25 | 50      |
| , / <sup>2</sup> | 0,2 – 1 | 1–10    |
| , %              | 47 – 52 | 47      |
| , %              | 40 – 45 | 33 – 43 |
|                  | -       | -       |
|                  | ,       | ,       |
|                  |         |         |

Co-Mo

: 1.

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2007 .-

: « », .88.

544.31

Y-Ba-Cu-O

Y- - u-

Y- - u- .

Y- - u- ,

- - u - -

YBa<sub>2</sub>Cu<sub>3</sub>O<sub>7</sub>- .

92

98 / <sup>2</sup>.